



Standard Drywall Boxes

Representative product	CAP036819: Capriclips Flange X10 Product Category: Unequipped enclosures and cabinets
Description of the product	Eaton offers standard drywall boxes which are available in different versions (single, double and triple), each of which can itself have several variations. These boxes are for mounting equipment in drywall. The standard dry wall boxes have excellent box rigidity, no deformation when inserting into the wall, perfect adaptability in plasterboard walls, translation for perfect hold in drywall, honeycomb and plaster tiles.
Homogeneous Environmental Families Covered	The PEP concerns following product offerings from Capriclips & Uniclips series covered under standard drywall boxes as mentioned below: CAP036819, CAP715029, CAP727819, CAP730004, CAP730016, CAP730017, CAP730022, CAP730038, CAP730044, CAP730059, CAP730069, CAP730081, CAP730082, CAP731029, CAP731039, CAP731129, CAP731139, CAP731250, CAP736049, CAP736819, CAP736859, CAP736869, CAP736955, CAP736999, CAP737819, CAP750129, CAP750139
Functional unit	To allow mounting of household or similar electrical equipment while protecting persons against direct contact with live electrical parts for 20 years with a degree of protection against the penetration of solid objects and liquids (IP30). Product shall also protect devices enclosed inside it and shall confirm to EN 60670-1 standard.
Company information	Eaton Cooper Capri SAS 36, rue des Fontenils 41600, Nouan-le-Fuzelier, France Email: productstewardship-es@eaton.com

Constituent Materials			
Reference product mass	2.31E-02 kg (With packaging)		
Category PEP Material	Materials	Mass (kg)	Percentage (%)
Plastic	Polypropylene	1.58E-02	68.42%
Metal	Steel	5.00E-03	21.65%
Others	Corrugated Cardboard	1.70E-03	7.36%
Plastic	PVC	5.85E-04	2.53%
Others	Paper	5.31E-06	0.02%
Others	Glue	6.54E-07	<0.01%
Metal	Silicon	4.09E-07	<0.01%
Total		2.31E-02	100%

Substance Assessment

The representative product is compliant with the EU-RoHS Directive (2011/65/EU) without any exemption and the product doesn't contain any substance listed as Substance-of-Very-High-Concern (SVHC) on the Candidate List of the EU-REACH Regulation (1907/2006/EC).

Additional Environmental Information

Manufacturing	The reference product is assembled at an Eaton plant holding management system certifications according to ISO 14001 standards.
Distribution	Eaton is committed to minimizing weight and volume of product and packaging with focus to optimize transport efficiency.
Installation	The installation process requires 2.5 Watts power and 5 second to install one screw and no waste other than the obsolete product packaging is generated during this step.
Use	The product does not require energy consumption and maintenance during operation.
End of life	The recyclability rate of the product is 86.5% The rate is calculated based on the method of the IEC /TR 62635.

Environmental Impacts

The calculation of the environmental impacts is the result of the Product's Life Cycle Analysis in accordance with ISO 14040/44, covering the entire lifecycle, i.e. "Cradle-to-Grave" including the following life cycle phases: production, distribution, installation, use and end of life.

System modelling was carried out using the commercial LCA software EIME v5.9.4 with database version CODDE-2022-01.

Manufacturing Phase	The product is assembled as well as packed at Eaton facility Eaton Neuan-Le-Fuzelier, France plant. Energy model used: France
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Distribution Phase	Distribution of the product in its packaging from the Eaton's last logistics platform to the installation place in France is considered as per PCR rules.
Installation Phase	Product is installed in France. Installation of product and treatment of packaging waste are considered in this phase. Energy consumption for reference product with 4 screws is 0.000013 kWh. Energy model used: France
Use Phase	Reference lifetime: 20 Years (as per PSR) Usage profile: No energy consumption by the product during its useful life. Also, product do not require any maintenance/replacement during useful life.
End of life Phase	Product disposed with WEEE guidelines. Energy model used: Europe

Environmental Impact Indicators: Mandatory

Impact Indicators	Unit	Total	Manufacturing	Distribution	Installation	Use	End of life
Global warming (GWP100)	kg CO ₂ eq.	5.91E-02	5.53E-02	1.56E-03	2.87E-04	0.00E+00	1.96E-03
Ozone layer depletion	kg CFC-11 eq.	5.38E-09	5.25E-09	3.16E-12	5.94E-13	0.00E+00	1.26E-10
Acidification potential	kg SO ₂ eq.	1.65E-04	1.52E-04	7.00E-06	1.36E-06	0.00E+00	4.63E-06
Eutrophication	kg PO ₄ ³⁻ eq.	3.07E-05	2.76E-05	1.61E-06	3.14E-07	0.00E+00	1.18E-06
Photochemical oxidation	kg ethylene eq.	2.13E-05	2.02E-05	4.97E-07	9.76E-08	0.00E+00	5.52E-07
Abiotic depletion (elements)	kg antimony eq.	3.97E-09	3.85E-09	6.23E-11	1.15E-11	0.00E+00	4.76E-11
Abiotic depletion (fossil fuels)	MJ	1.48E+00	1.43E+00	2.19E-02	4.02E-03	0.00E+00	1.92E-02
Water Pollution	m ³	8.47E+00	7.99E+00	2.56E-01	4.71E-02	0.00E+00	1.79E-01
Air pollution	m ³	3.89E+00	3.61E+00	6.39E-02	1.32E-02	0.00E+00	2.04E-01

Environmental Impact Indicators: Optional

Impact Indicators	Unit	Total	Manufacturing	Distribution	Installation	Use	End of life
Use of renewable primary energy, excluding renewable primary energy resources used as raw materials	MJ	3.71E-02	3.70E-02	2.94E-05	5.40E-06	0.00E+00	2.71E-05
Use of renewable primary energy resources used as raw materials	MJ	4.59E-03	4.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total use of renewable primary energy resources (primary energy and primary energy resources used as raw materials)	MJ	4.17E-02	4.16E-02	2.94E-05	5.40E-06	0.00E+00	2.71E-05
Use of non-renewable primary energy, excluding non-renewable primary energy resources used as raw materials	MJ	1.43E+00	1.37E+00	2.20E-02	4.04E-03	0.00E+00	2.52E-02
Use of non-renewable primary energy resources used as raw materials	MJ	6.96E-01	6.96E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Impact Indicators	Unit	Total	Manufacturing	Distribution	Installation	Use	End of life
Total use of non-renewable primary energy resources (primary energy and primary energy resources used as raw materials)	MJ	2.12E+00	2.07E+00	2.20E-02	4.04E-03	0.00E+00	2.52E-02
Use of secondary materials	kg	3.95E-03	3.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Net use of fresh water	m ³	8.61E-02	8.61E-02	1.39E-07	2.57E-08	0.00E+00	2.47E-06
Hazardous waste disposed of	kg	2.39E-02	1.22E-04	0.00E+00	6.96E-06	0.00E+00	2.37E-02
Non-hazardous waste disposed of	kg	5.65E-02	5.64E-02	5.53E-05	1.02E-05	0.00E+00	8.05E-05
Radioactive waste disposed of	kg	1.01E-04	1.01E-04	3.94E-08	7.25E-09	0.00E+00	1.35E-07
Materials for recycling	kg	2.20E-02	2.16E-03	0.00E+00	1.78E-03	0.00E+00	1.80E-02
Materials for energy recovery	kg	5.70E-04	6.16E-05	0.00E+00	5.09E-04	0.00E+00	0.00E+00
Total use of primary energy during the life cycle	MJ	2.16E+00	2.11E+00	2.20E-02	4.05E-03	0.00E+00	2.52E-02

To evaluate the environmental impact of other product covered by this PEP, multiply the impact figures by-

Factors for Manufacturing, Distribution, Installation, Use and End-of-Life Phase:


Product	Phase	Global warming	Ozone depletion	Acidification of soil and water	Water eutrophication	Photochemical Ozone formation	Depletion of abiotic resources - elements	Depletion of abiotic resources - fossil fuels	Water pollution	Air pollution
CAP036819 (Reference product)	All Phases	1.00								
CAP715029	Manufacturing	1.69	1.77	1.74	1.76	1.71	1.58	1.67	1.75	1.69
	Distribution	1.77								
	Installation	2.00	1.96	2.00	2.01	2.00	2.00	2.01	2.01	2.00
	Use	1.00								
	End of Life	1.92	1.74	1.75	1.81	1.74	1.75	1.74	1.79	1.75
CAP727819	Manufacturing	0.92	0.97	0.92	0.95	0.93	0.90	0.95	0.97	0.90
	Distribution	0.95								
	Installation	0.45	0.45	0.44	0.45	0.45	0.45	0.45	0.45	0.45
	Use	1.00								
	End of Life	1.09	0.99	0.90	1.06	1.13	0.88	0.98	1.03	1.00
CAP730004	Manufacturing	1.02	1.07	1.03	1.06	1.04	0.99	1.05	1.07	1.01
	Distribution	1.06								
	Installation	1.57	1.54	1.57	1.57	1.57	1.57	1.58	1.58	1.57
	Use	1.00								
	End of Life	1.09	0.99	0.90	1.06	1.13	0.88	0.98	1.03	1.00
CAP730016	Manufacturing	1.18	1.24	1.20	1.23	1.20	1.13	1.19	1.23	1.17
	Distribution	1.23								
	Installation	3.30	3.22	3.30	3.30	3.30	3.30	3.31	3.31	3.30
	Use	1.00								
	End of Life	1.09	0.99	0.90	1.06	1.13	0.88	0.98	1.03	1.00
CAP730017	Manufacturing	1.49	1.55	1.52	1.55	1.50	1.40	1.48	1.54	1.48
	Distribution	1.55								
	Installation	4.28	4.16	4.28	4.28	4.28	4.28	4.29	4.29	4.28
	Use	1.00								
	End of Life	1.37	1.24	1.13	1.32	1.42	1.09	1.22	1.29	1.25
CAP730022	Manufacturing	1.75	1.83	1.80	1.82	1.77	1.63	1.73	1.81	1.75
	Distribution	1.83								
	Installation	3.78	3.69	3.78	3.79	3.79	3.78	3.79	3.79	3.79

Product	Phase	Global warming	Ozone depletion	Acidification of soil and water	Water eutrophication	Photochemical Ozone formation	Depletion of abiotic resources - elements	Depletion of abiotic resources - fossil fuels	Water pollution	Air pollution
	Use	1.00								
	End of Life	1.78	1.60	1.45	1.71	1.83	1.41	1.57	1.67	1.61
CAP730038	Manufacturing	1.13	1.18	1.14	1.17	1.14	1.08	1.14	1.18	1.11
	Distribution	1.17								
	Installation	2.71	2.65	2.71	2.71	2.71	2.71	2.72	2.72	2.71
	Use	1.00								
	End of Life	1.09	0.99	0.90	1.06	1.13	0.88	0.98	1.03	1.00
CAP730044	Manufacturing	1.11	1.16	1.12	1.15	1.13	1.07	1.13	1.16	1.10
	Distribution	1.15								
	Installation	1.81	1.77	1.81	1.81	1.81	1.81	1.81	1.81	1.81
	Use	1.00								
	End of Life	1.18	1.07	0.97	1.14	1.22	0.94	1.05	1.11	1.08
CAP730059	Manufacturing	1.24	1.37	1.27	1.34	1.28	1.13	1.28	1.36	1.20
	Distribution	1.33								
	Installation	2.09	2.05	2.10	2.10	2.10	2.10	2.10	2.10	2.10
	Use	1.00								
	End of Life	1.45	1.25	1.26	1.33	1.25	1.25	1.25	1.31	1.26
CAP730069	Manufacturing	1.65	1.72	1.69	1.71	1.67	1.54	1.63	1.70	1.64
	Distribution	1.72								
	Installation	2.09	2.05	2.09	2.10	2.10	2.10	2.10	2.10	2.10
	Use	1.00								
	End of Life	1.85	1.68	1.69	1.74	1.68	1.68	1.68	1.73	1.68
CAP730081	Manufacturing	2.07	2.11	2.12	2.12	2.08	1.95	2.02	2.09	2.08
	Distribution	2.13								
	Installation	3.14	3.07	3.14	3.14	3.14	3.14	3.14	3.14	3.14
	Use	1.00								
	End of Life	2.28	2.02	2.04	2.12	2.02	2.03	2.02	2.09	2.03
CAP730082	Manufacturing	3.14	3.28	3.22	3.24	3.20	2.95	3.15	3.22	3.14
	Distribution	3.25								
	Installation	4.19	4.09	4.19	4.19	4.19	4.19	4.19	4.19	4.19
	Use	1.00								
	End of Life	3.45	3.14	3.16	3.26	3.15	3.15	3.15	3.23	3.16
CAP731029	Manufacturing	1.68	1.76	1.73	1.75	1.71	1.57	1.67	1.74	1.68
	Distribution	1.76								
	Installation	1.92	1.88	1.92	1.92	1.92	1.92	1.93	1.93	1.92
	Use	1.00								
	End of Life	1.92	1.74	1.75	1.81	1.74	1.75	1.74	1.79	1.75
CAP731039	Manufacturing	2.64	2.76	2.72	2.74	2.68	2.47	2.62	2.71	2.65
	Distribution	2.75								
	Installation	4.19	4.08	4.19	4.19	4.19	4.19	4.20	4.20	4.19
	Use	1.00								
	End of Life	2.86	2.59	2.60	2.69	2.59	2.59	2.59	2.67	2.60
CAP731129	Manufacturing	1.94	2.02	1.99	2.02	1.96	1.81	1.91	2.00	1.94
	Distribution	2.03								
	Installation	2.07	2.03	2.07	2.08	2.07	2.07	2.08	2.08	2.08
	Use	1.00								
	End of Life	2.23	2.02	2.03	2.10	2.02	2.02	2.02	2.08	2.03
CAP731139	Manufacturing	3.15	3.29	3.23	3.25	3.21	2.97	3.15	3.23	3.15
	Distribution	3.26								
	Installation	4.25	4.14	4.25	4.26	4.26	4.26	4.27	4.27	4.26
	Use	1.00								
	End of Life	3.48	3.14	3.16	3.27	3.15	3.15	3.15	3.24	3.16
CAP731250	Manufacturing	1.07	1.12	1.08	1.10	1.08	1.03	1.08	1.11	1.05
	Distribution	1.10								
	Installation	1.72	1.69	1.72	1.72	1.72	1.72	1.72	1.72	1.72
	Use	1.00								
	End of Life	1.13	1.04	1.04	1.07	1.04	1.04	1.04	1.06	1.04
CAP736049	Manufacturing	0.99	1.03	0.99	1.02	1.00	0.96	1.01	1.03	0.97

Product	Phase	Global warming	Ozone depletion	Acidification of soil and water	Water eutrophication	Photochemical Ozone formation	Depletion of abiotic resources - elements	Depletion of abiotic resources - fossil fuels	Water pollution	Air pollution	
	Distribution	1.01									
	Installation	1.14	1.13	1.14	1.14	1.14	1.14	1.14	1.14	1.14	
	Use	1.00									
	End of Life	1.09	1.00	1.00	1.04	1.00	1.00	1.00	1.03	1.00	
CAP736819	Manufacturing	0.97	1.02	0.97	1.00	0.98	0.95	0.99	1.01	0.95	
	Distribution	1.00									
	Installation	0.96	0.95	0.96	0.96	0.96	0.96	0.96	0.96	0.96	
	Use	1.00									
	End of Life	1.09	1.00	1.00	1.04	1.00	1.00	1.00	1.03	1.00	
	CAP736859	Manufacturing	1.28	1.34	1.31	1.33	1.30	1.22	1.28	1.33	1.27
		Distribution	1.33								
		Installation	2.09	2.05	2.09	2.10	2.10	2.10	2.10	2.10	2.10
Use		1.00									
	End of Life	1.37	1.25	1.26	1.30	1.25	1.25	1.25	1.29	1.26	
	CAP736869	Manufacturing	1.63	1.70	1.67	1.70	1.65	1.53	1.61	1.69	1.63
		Distribution	1.70								
		Installation	1.92	1.88	1.92	1.92	1.92	1.92	1.93	1.93	1.92
Use		1.00									
	End of Life	1.85	1.68	1.69	1.74	1.68	1.68	1.68	1.73	1.68	
	CAP736955	Manufacturing	1.12	1.17	1.13	1.16	1.13	1.07	1.13	1.17	1.10
		Distribution	1.16								
		Installation	0.23	0.25	0.23	0.23	0.23	0.23	0.23	0.23	0.23
Use		1.00									
	End of Life	1.38	1.26	1.26	1.31	1.26	1.26	1.26	1.29	1.26	
	CAP736999	Manufacturing	1.08	1.13	1.09	1.11	1.09	1.04	1.09	1.12	1.06
		Distribution	1.11								
		Installation	1.87	1.83	1.87	1.87	1.87	1.87	1.87	1.87	1.87
Use		1.00									
	End of Life	1.13	1.03	1.03	1.07	1.03	1.03	1.03	1.06	1.03	
	CAP737819	Manufacturing	1.01	1.06	1.01	1.04	1.02	0.98	1.03	1.05	0.99
		Distribution	1.04								
		Installation	1.38	1.36	1.38	1.38	1.38	1.38	1.39	1.39	1.38
Use		1.00									
	End of Life	1.09	1.00	1.00	1.04	1.00	1.00	1.00	1.03	1.00	
	CAP750129	Manufacturing	1.94	2.02	1.99	2.02	1.96	1.81	1.91	2.00	1.94
		Distribution	2.03								
		Installation	2.07	2.03	2.07	2.07	2.07	2.07	2.08	2.08	2.07
Use		1.00									
	End of Life	2.23	2.02	2.03	2.10	2.02	2.02	2.02	2.08	2.03	
	CAP750139	Manufacturing	3.07	3.20	3.14	3.16	3.12	2.89	3.06	3.14	3.07
		Distribution	3.17								
		Installation	3.41	3.33	3.41	3.41	3.41	3.41	3.42	3.42	3.41
Use		1.00									
	End of Life	3.48	3.14	3.16	3.27	3.15	3.15	3.15	3.24	3.16	

Disclaimer

This Product Environmental Profile and its content is based on information available to us. It refers to the product at the date of issue. We make no express or implied representations or warranties with respect to the information contained herein.

<i>Registration N°</i>	EATO-00061-V01.01-EN	<i>Drafting rules</i>	PCR-ed3-EN-2015 04 02
<i>Verifier accreditation N°</i>	VH47	Supplemented by	PSR-0005-ed2-EN-2016 03 29
<i>Date of issue</i>	12-2022	<i>Information and reference documents</i>	www.pep-ecopassport.org
		<i>Validity period</i>	5 years
Independent verification of the declaration and data, in compliance with ISO 14025: 2010			
Internal	X	External	
The PCR review was conducted by a panel of experts chaired by Philippe Osset (SOLINNEN)			
<i>The elements of the present PEP cannot be compared with elements from another program.</i>			
<i>Document in compliance with ISO 14025: 2010 « Environmental labels and declarations. Type III environmental declarations »</i>			